

Page 1

Stop \*NR2\*

MAR 09 2016

**Work Order ID 142255**

Thursday, March 03, 2016 3:02:50 PM

**\*142255\***

Page 2

Item ID: D3552-7 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Door Prop  
Start Date: 3/3/2016 Start Qty: 6.00 **\*6\*** Cust Item ID:  
Required Date: 3/10/2016 Req'd Qty: 6.00 **\*6\*** Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                            | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|-----------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 130                            | Identify as per dwg & Stock Location: <u>St 363</u> | 0.00                 |         |        |              |               |               |                  |                |
| <b>*130*</b>                   |                                                     |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                                | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      |                                                     |                      |         |        |              |               |               |                  |                |
| 140                            | QC21- Final Inspection - Work Order Release         | 0.00                 |         |        |              |               |               |                  |                |
| <b>*140*</b>                   |                                                     |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                                | 0.01                 |         |        |              |               |               |                  |                |
| Quality Control                |                                                     |                      |         |        |              |               |               |                  |                |

8 MAR 09 2016 DAS 6 9-59

MLJ MAR 10 2016

MLJ MAR 10 2016

# Picklist Print

Thursday, March 03, 2016 3:02:48 PM

Page 1

Work Order ID: 142255

**\*142255\***

Parent Item: D3552-7

**\*D3552-7\***

Parent Item Name: Door Prop

Start Date: 3/3/2016

Required Date: 3/10/2016

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP Rev:A New Issue 06-11-13 EC IPP Rev:B 09-04-20 rev.d as per dwg DD verified by:EC IPP Rev:C as per dwg RevE  
DD 10.02.17 verified by:EC IPP Rev:D 10.12.03 as per dwg rev.G  
DD verf:EC

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

B8-220-530-070N

Purchased

No

110

Each

0.0000

1

8

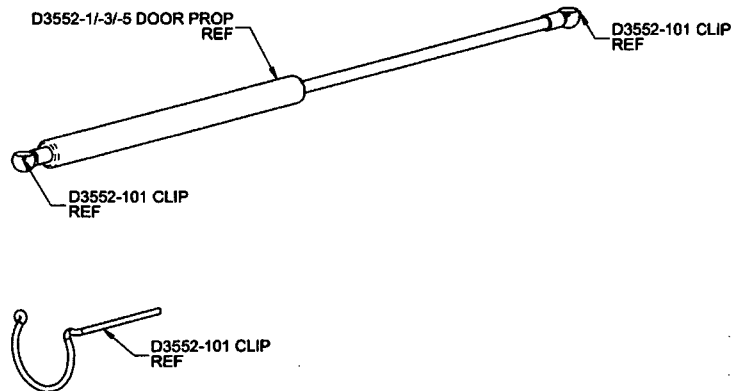
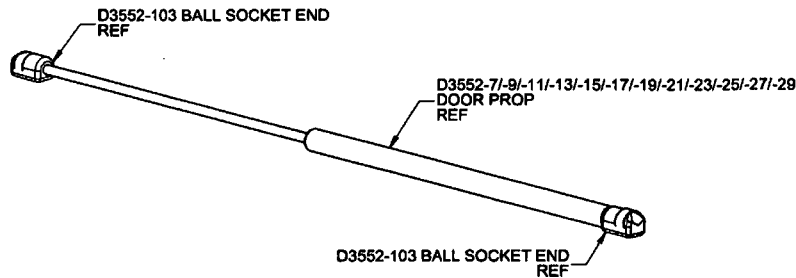
**\*B8-220-530-070N\***

CARBON STEEL GAS SPRING

\*\*

8x SP 16-03-8

# SPECIFICATION CONTROL DRAWING



DAS  
13  
9-68

MAR 03 2016

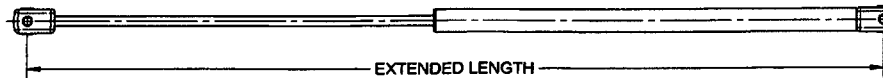
W/O: 142255

RELEASED  
2015-08-04  
ECN 15-609

|      |                                                                                                                                                                                                                  |     |          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| L    | ADD P/N D3552-29                                                                                                                                                                                                 | VS  | 15.04.13 |
| K    | ADD "X" TO LS TECHNOLOGIES P/N'S TO DESIGNATE "EXTRA DAMPING" FOR D3552-15/-17/-19/-25/-27. REASON: PAR12-209.                                                                                                   | MB  | 12.07.16 |
| J    | ADD P/N D3552-25/-27. REMOVE ALTERNATE PART NUMBER FOR -15, -17 AND -19. STROKE FOR -15, -17 AND -19 WAS 139/6.08 NOW 154/6.08. EXTENDED LENGTH FOR -15, -17 AND -19 WAS 386/15.2 NOW 387/15.2.                  | AP  | 11.12.07 |
| I    | ADD P/N D3552-23                                                                                                                                                                                                 | RF  | 11.10.11 |
| H    | ADD P/N D3552-21                                                                                                                                                                                                 | DC  | 11.03.10 |
| G    | FOR -15, FORCE: 300/67.4 WAS 400/89.9, SUPPLIER P/N B8-154-387-300N WAS B8-154-387-400N; FOR -17, STROKE: 139/6.47 WAS 180/6.30, EXT LG: 386/15.2 WAS 407/16.0, SUPPLIER P/N B8-154-387-156N WAS B8-167-403-156N | JPH | 10.11.01 |
| F    | ADD P/N D3552-15/-17/-19 AND ALTERNATE SUPPLIER                                                                                                                                                                  | JPH | 10.07.27 |
| E    | ADD P/N D3552-13 ZN B8-1, A8-1, D6-1, CHANGE NAME FROM "GAS SPRING" TO "DOOR PROP" THROUGH OUT DWG                                                                                                               | HS  | 10.02.03 |
| D    | ADD P/N D3552-101 ZN D6-1, C7-1, C1-1 AND D3552-103 ZN D1-1 AND C2-1 AND ZN B8-1; ADD NOTE REGARDING D3552-101 AND D3552-103 COMPATIBILITY ZN A8-1                                                               | HS  | 09.04.02 |
| C    | ADD D3552-11 AND CONVERSIONS FOR INSPECTION; UPDATE P/N FOR D3552-7                                                                                                                                              | LE  | 07.06.01 |
| B    | ADD D3552-7/-9; UPDATE DESC. D3552-1/-3/-5                                                                                                                                                                       | LE  | 08.10.24 |
| A    | NEW ISSUE                                                                                                                                                                                                        | LE  | 08.08.15 |
| REV. | DESCRIPTION                                                                                                                                                                                                      | BY  | DATE     |

APPROVED

|            |          |                                                                                                                                                                                                                                                                          |              |
|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | VS       | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                        |              |
| DRAWN      | VS       |                                                                                                                                                                                                                                                                          |              |
| CHECKED    | AK       | DRAWING NO.                                                                                                                                                                                                                                                              | REV. L       |
| MFG. APPR. | DD       | D3552                                                                                                                                                                                                                                                                    | SHEET 1 OF 2 |
| APPROVED   | HS       | TITLE                                                                                                                                                                                                                                                                    | SCALE        |
| DE APPR.   | DS       | DOOR PROP                                                                                                                                                                                                                                                                | NTS          |
| DATE       | 15.04.13 | COPYRIGHT © 2008 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |



| DART PART NUMBER | DESCRIPTION               | STROKE (mm/in) | EXTENDED LENGTH (mm/in) | FORCE (N/lb) | END FITTING            | MATERIAL     | SUPPLIER        | SUPPLIER PART NUMBER OR MODEL NUMBER |
|------------------|---------------------------|----------------|-------------------------|--------------|------------------------|--------------|-----------------|--------------------------------------|
| D3552-1          | DOOR PROP                 | 220/8.66       | 530/20.6                | 70/15.7      | 10mm SS BALL SOCKET    | CARBON STEEL | LS TECHNOLOGIES | C8-220-530-070N                      |
| D3552-3          | DOOR PROP                 | 200/7.87       | 490/19.3                | 200/45.0     | 10mm SS BALL SOCKET    | CARBON STEEL | LS TECHNOLOGIES | C8-200-490-200N                      |
| D3552-5          | DOOR PROP                 | 175/6.89       | 430/16.9                | 150/33.7     | 10mm SS BALL SOCKET    | CARBON STEEL | LS TECHNOLOGIES | C8-175-430-150N                      |
| D3552-7          | DOOR PROP                 | 220/8.66       | 530/20.9                | 70/15.7      | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-220-530-070N                      |
| D3552-9          | DOOR PROP                 | 200/7.87       | 490/19.3                | 200/45.0     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-200-490-200N                      |
| D3552-11         | DOOR PROP                 | 240/9.45       | 575/22.6                | 150/33.7     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-240-575-150N                      |
| D3552-13         | DOOR PROP                 | 220/8.66       | 530/20.9                | 140/31.5     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B6-220-530-140N                      |
| D3552-15         | DOOR PROP W/EXTRA DAMPING | 154/6.06       | 387/15.2                | 300/67.4     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-154-387-300NX                     |
| D3552-17         | DOOR PROP W/EXTRA DAMPING | 154/6.06       | 387/15.2                | 156/35.1     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-154-387-156NX                     |
| D3552-19         | DOOR PROP W/EXTRA DAMPING | 154/6.06       | 387/15.2                | 60/13.5      | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-154-387-060NX                     |
| D3552-21         | DOOR PROP                 | 167/6.57       | 410/16.1                | 70/15.7      | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B6-167-410-070N                      |
| D3552-23         | DOOR PROP                 | 190/7.48       | 475/18.7                | 70/15.7      | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-190-475-070N                      |
| D3552-25         | DOOR PROP W/EXTRA DAMPING | 148/5.83       | 475/18.7                | 300/67.4     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-148-475-300NX                     |
| D3552-27         | DOOR PROP W/EXTRA DAMPING | 148/5.83       | 475/18.7                | 156/35.1     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-148-475-156NX                     |
| D3552-29         | DOOR PROP                 | 190/7.48       | 475/18.7                | 100/22.5     | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B6-190-475-100N                      |
| D3552-101        | CLIP                      | N/A            | N/A                     | N/A          | N/A                    | CARBON STEEL | LS TECHNOLOGIES | C9                                   |
| D3552-103        | BALL SOCKET END           | N/A            | N/A                     | N/A          | N/A                    | NYLON        | LS TECHNOLOGIES | B10                                  |

# **D3552-X DOOR PROP**

RELEASED  
2015-08-04

- NOTES:
- 1) IDENTIFICATION: IDENTIFY PER QSI 044 6.2
  - 2) D3552-101 CLIP IS ONLY COMPATIBLE WITH D3552-1/-3/-5 DOOR PROPS
  - 3) D3552-103 BALL SOCKET END IS ONLY COMPATIBLE WITH D3552-7/-9/-11/-13/-15/-17/-19/-21/-23/-25/-27/-29 DOOR PROPS

|          |            |          |                                                                                                                                                                                                                                                                          |              |
|----------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| APPROVED | DESIGN     | VS       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                 |              |
|          | DRAWN      | VS       |                                                                                                                                                                                                                                                                          |              |
|          | CHECKED    | AK       | DRAWING NO.                                                                                                                                                                                                                                                              | REV. L       |
|          | MFG. APPR. | DD       | D3552                                                                                                                                                                                                                                                                    | SHEET 2 OF 2 |
|          | APPROVED   | HS       | TITLE                                                                                                                                                                                                                                                                    | SCALE        |
|          | DE APPR.   | DS       | DOOR PROP                                                                                                                                                                                                                                                                | NTS          |
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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO31606

Purchase Order Date 3/4/2016

PO Print Date 3/4/2016

Page Number 1 of 2

**Order From :**

VC-LST0001

**Ship To :** DART AEROSPACE LTD

LS TECHNOLOGIES INC.  
314 JESSOP AVE  
SASKATOON, SK S7N 1Y6  
CA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

MAR 04 2016

E-MAILED

**Contact Name**

**Vendor Phone** 306 683 5000

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Ship To Contact**

**Terms**

Net 30

**Ship To Phone**

**Currency**

CAD

**Ship Via:**

FedEx Overnight collect

**FOB**

EXW - (Ex Works)

**Ship Acct:**

| Line Nbr    | Reference Vendor Part Number<br>Line Comments<br>Delivery Comments | Description/<br>Mfg ID  | Req Date/<br>Taxable<br>Promise Date | CD | Req Qty/<br>Unit of<br>Measure | PO Unit Price | Extended Price |
|-------------|--------------------------------------------------------------------|-------------------------|--------------------------------------|----|--------------------------------|---------------|----------------|
| 1           | B8-220-530-070N<br>AS PER DWG D3552-7 REV. L<br>B142255            | CARBON STEEL GAS SPRING | 3/9/2016<br>Yes<br>3/9/2016          |    | 8.00<br>Each                   | \$36.85       | \$294.80       |
| Line Total: |                                                                    |                         |                                      |    |                                |               | \$294.80       |
| 2           | B8-240-575-150N<br>AS PER DWG D3552-11 REV. L<br>B142260           | GAS SPRING              | 3/9/2016<br>Yes<br>3/9/2016          |    | 12.00<br>Each                  | \$41.36       | \$496.37       |
| Line Total: |                                                                    |                         |                                      |    |                                |               | \$496.37       |

PO Instructions: Fedex Acc#151793240

Note:

3/4/2016

LS Technologies Inc  
314 Jessop Ave  
Saskatoon, SK S7N 1Y6

Ph: 306-683-5000 Fax: 306-683-6403

# Packing Slip

| P.O. No. | Date      | Invoice # |
|----------|-----------|-----------|
| 31606    | 3/07/2016 | 14504     |

Bill to:

Dart Aerospace Ltd  
1270 Aberdeen St.  
Hawkesbury, ON K6A 1K7

Ship to:

Main Finished Goods Location  
Dart Aerospace Ltd  
1270 Aberdeen St.  
Hawkesbury, ON K6A 1K7

| Ship      | Via    | FOB |
|-----------|--------|-----|
| 3/07/2016 | Fed-Ex |     |

| Qty                                         | Description                 |
|---------------------------------------------|-----------------------------|
| 8                                           | D3552-7 B142255 Gas Spring  |
| 12                                          | D3552-11 B142260 Gas Spring |
| 6                                           | D3552-23 B42261 Gas Spring  |
| Shipping Via FED EX Tracking # 775813889315 |                             |
| SP16-03-8                                   |                             |

Order checked by :

AF



LS Technologies Inc  
314 Jessop Ave  
Saskatoon, SK, S7N 1Y6  
Ph: (306) 683-5000 Fax: (306) 683-6403

### Certificate of Compliance

March 7, 2016

This is to certify that the parts listed below meets specifications as required by your order.

8 Units: D3552-7 B142255 Gas Spring ✓

12 Units: D3552-11 B142260 Gas Spring

6 Units : D3552-23 B42261 Gas Spring

8p16-03-8

Country of Manufacture: Canada  
Date of Manufacture : March 7, 2016  
This product is ROHS compliant.

Purchase Order # 31606  
Invoice # 14504

L S Technologies Inc Canada

Nolan Fehr  
Manager